Please type a plus sign in this box:	+	PTO/SB/01 (3-97) Approved for use through 6/30/98. OMB 0651-0032							
				US DEPARTMENT OF COMMERCE					
				it displays a valid OMB control number.					
DECLARATIO		Attorney Docket		SAE-0040					
UTILITY OR I	DESIGN	First Named Inv	entor K	oichi SAKAJIRI					
PATENT APPLICATION			COMPLETE IF KNOWN						
		Application No.							
Declaration	Declaration	Filing Date							
submitted with or	submitted after	Group Art Unit							
	initial filing	Examiner Name							
initial filing initial filing		Examine Name							
As a below named inventor,  My residence, post office ad  I believe I am the original, fi	dress, and citizenshi	ip are as stated below	listed below)	or an original, first and joint					
inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:  HYDROPHILIC STIFF MAIN CHAIN TYPE LIQUID CRYSTALLINE									
l l		L SENSOR UTILIZ							
001121 00112	<del></del>	itle of the Invention)	2.0 222 51						
	iewed and understar			5/001346. ed specification, including the					
I acknowledge the duty to di Federal Regulations § 1.56.	•	•	atentability as	defined in Title 37, Code of					
I hereby claim foreign priori application(s) for patent or in designated at least one count below, by checking the box, international application hav Prior Foreign Application Number(s)	nventor's certificate try other than the Ur any foreign applicat	or § 365(a) of any Polited States of Americation for patent or inve	CT internation a, listed below ntor's certifica	al application which and have also identified te, or of any PCT					
2004-045736	JAPAN	02/23/2004	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
2007 073730	07M7M1	02/25/200.		7					
Additional foreign application number	rs are listed on a supplemen	tal priority data sheet PTO/SI	N/02B attached here	to.					
<b>~</b>		• •							
I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.									
Application Number (s) Filing Date (N		(MM/DD/YY)	Additional provisional application numbers are listed on a supplem priority data sheet PTO/SB/02B attached hereto.						

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Approved for use through 6/30/98. OMB 0651-0032 Patent and Trademark Office; US DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **DECLARATION - Utility Or Design Patent Application** I hereby claim the benefit under Title 35. United States Code §120 of any United States application(s) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the matter provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application. **U.S Parent Application PCT Parent Parent Filing Date** Parent Patent Number Number Number (MM/DD/YYYY) (if applicable) Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Registered practitioner(s) associated with Customer Number 23353 Place Customer Registered practitioner(s) name/registration number listed below Number Bar Code Label Here Name Registration No. Name Registration No. David T. Nikaido 22,663 Christopher M. Tobin 40,920 Ronald P. Kananen 24,104 Lee Cheng 40,949 Ralph T. Rader 28,772 Brian K. Dutton 47,255 Carl Schaukowitch 29,211 L0046 (Limited recognition) Toshikatsu Imaizumi Michael D. Fishman 31,951 Christopher J. Wickstrom 57,199 Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto. Direct all correspondence to Customer Number 23353 or Correspondence Address below or Bar Code Label Name Rader Fishman & Grauer PLLC 1233 20th Street, N.W., Suite 501 Address Washington, D.C. 20036 City, State, Zip Telephone 202-955-3750 Fax 202-955-3751 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon Name of First Inventor A petition has been filed for this unsigned inventor. Given Name (first and middle [if any]) Family Name or Surname Koichi **SAKAJIRI** Inventor's Signature Koichi Sabajiri

State | Country | 13/6/2006 Residence: City Aichi Post Office Address 101, Creation Core Nagoya, 2266-22, Aza-Anagahora Shimoshidami, Moriyama-ku, Nagoya-shi City State Zip Aichi 463-0003 Country Japan Additional inventors are being named on the 1 supplemental additional inventor(s) sheet(s) PTO/SB/02A attached hereto.

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Please type a plus sign in this box:

Name of Inventor			A petition has been filed for this unsigned inventor.							
Given Name (first and middle [if any])				Family Name or Surname						
Eiji			YA	SHIMA						
Inventor's Signature	6	b G	An	) )	Dated	16/6/	2006			
Residence: City	Aichi	State		Country	Japan	Citizenship	Japan			
Post Office Address	c/o Graduat Nagoya-shi	e School of En	ginee	ring, Nagoy	ya University,	Furo-cho, C	Chikusa-ku,			
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